# Proteins involved in cell division

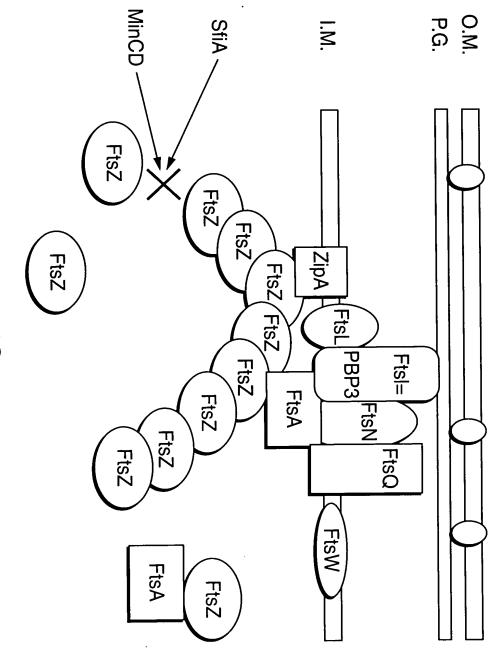


FIG. 1

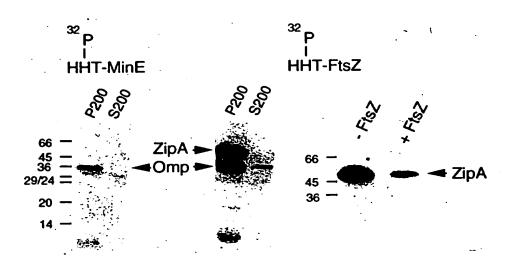
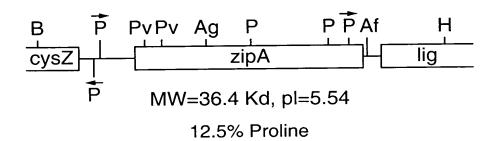
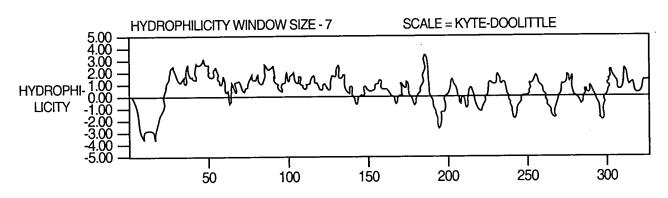


FIG. 2

### ZipA protein





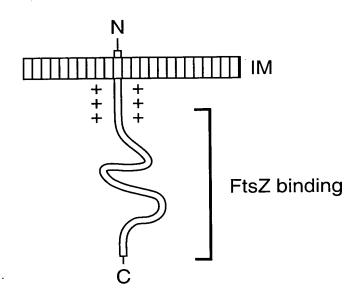


FIG. 3

2

-IG. 4A

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- 1321 ATCACGGTAGCGAGCTAAACGGTGAAGCTCTTCTTAACAGCAGCATTCAACAAGCGGGCTTCATTTTTGGCGATATGAATATTTACCATCGTCATCTTAGCCCGGATGGCAGCGGCCCGGCGT H G S E L N G E A L L N S I Q Q A G F I F G D M N I Y H R H L S P D G S G P A L KPNI PStI
- 1441 TATTCAGCCTGGCGAATATGGTGAAACCGGGAACCTTTGATCCTGAAATGAAAGGATTTCACTACTCCGGGTGTCACTATCTTTATGCAGGTACCGTCTTACGGTGACGAGCTGCAGAACT F S L A N M V K P G T F D P E M K D F T T P G V T I F M Q V P S Y G D E L Q N F

- HindIII
- 1921 CCAGAACTGATTACGCCTGATTCGCCTACTCAACGTGTAGGCGCTGCGCCGCTGGCGGCTTTCAGCCAGATACGCCATGAAGTACCAATGCTGTCACTGGATAACGTTTTTGATGAAGAA
- 2041 AGCTTTCTTGCTTTCAACAAACGTGTGCAGGACCGTCTGAAAAAACAACGAGAAAGTCACCTGGTGCTGTGAGCTGAAGCTGGATGGTCTTGCCGTCAGTATTCTGTATGAAAATGGCGTT

FIG. 4B

## 

| 4         | DLRLILIIVGAIAIIALLVHGFWTSRKERSSMF.RDRPLKRMKSKRDDDS                                     | 52  |
|-----------|--|-----|
| 2         | .        : ::  :  : .: : : .   ::.  DLNTILIIVGIVALVALIVHGLWSNRREKSKYFDKANKFDRTSLTSRSHT | 51  |
| 53        | YDEDVEDDEĠVGEVRVHRVNHAPANAQEHĖAARPSPQHQYQPPYASAQPR                                     | 102 |
| 52        | :   :.:: .:.  : : :.: : :   .:<br>QEEMVQPNNISPNTYVENGHTPIPQPTTEKLPSEAELIDYRQSDKSVD     | 99  |
| 03        | QPVQQPPEAQVPPQHAPHPAQPVQQPAYQPQPEQPLQQPVSPQVAPAP                                       | 150 |
| 00        | :  :. . :  : :    . : : :.: DIKISIPNTQPIYDMGNHRSEPIQPTQPQYDMPTANNVASMTLEQLEAQS         | 149 |
| .51       | QPEPVAEP.APVMDKPKRKE   | 192 |
| .50       | QNVGFNGINSSSPELRVQLAELSHEEHQVDYNLSFNEPKAETTAHPKQTT                                     | 199 |
| L93       | AVIIMNVAAHHGSELNGEALLNSIQQAGFİFGDMNIYHRHLSPDGSGPAL                                     | 242 |
| 009       | L.   | 249 |
| 243       | FSLANMVKPGTFDP.EMKDFTTPGVTIFMQVPSYGDELQNFKLMLQSAQH                                     | 291 |
| 250       | FSVANLEQPGTFNAYNLAEFNTIGIVLFMQLPSPGNNLANLRMMMRAAHT                                     | 299 |
| 292       | IADEVGGVVĹDDQRRMMTPQKLREYQDII 320 SEQ ID NO: 2   |     |
| 300<br>00 |  |     |

### Interaction Cloning

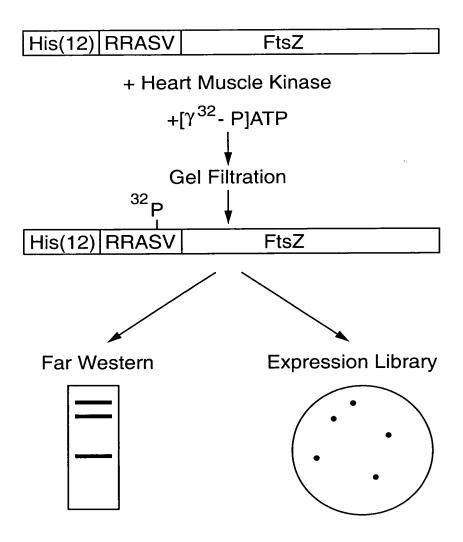


FIG. 6

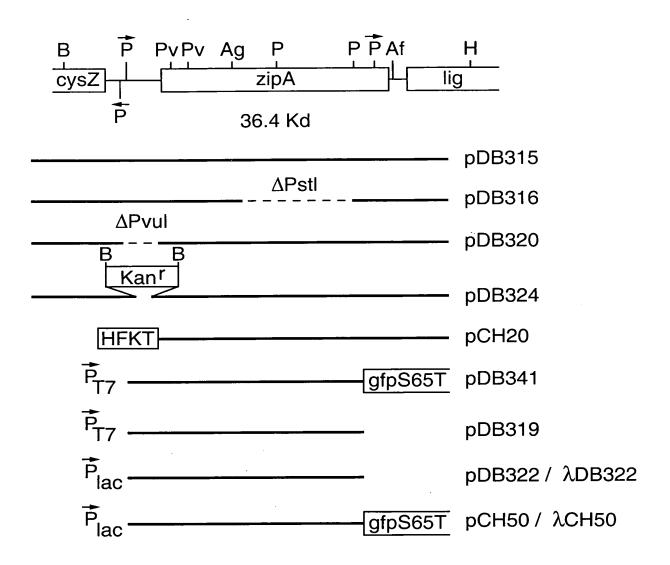


FIG. 7